

E J SEP 07 2004 USPTO INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	US Dept. of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO. ATMI-546-CIP-II	SERIAL NO. 10/784,750
	APPLICANT Frank DiMeo, Jr.		
	FILING DATE February 23, 2004	GROUP 2856	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AA</i>	AA	10/273,036		Frank DiMeo, et al.			10/17/2002
<i>Y</i>	AB	6,265,222	6/24/2001	Frank DiMeo, Jr., et al.			
<i>AC</i>	AC	5,679,576 A	10/21/1997	Kawai, et al.			
<i>AD</i>	AD	5,612,489 A	3/18/1997	Ragsdale, et al.			
<i>AE</i>	AE	6,428,713 B1	8/6/2002	Christenson, et al.			
<i>AF</i>	AF	4,723,438 A	2/9/1988	Adler-Golden, et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION YES	NO
							X (abstract only)	

## OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)

<i>AG</i>	AG	Anderson, B., et al., Semiconductor International, October 1993
<i>AH</i>	AH	Ed P. Hagenmuller, Inorganic Solid Fluorides, Chemistry and Physics, Academic Press, 1985. (See Information Disclosure Statement Box 1)
<i>AI</i>	AI	W. Moritz, et al., Sensors and Actuators B 24-25 (1995) 194-196, "Monitoring of HF and F2 using a field-effect sensor"
<i>AJ</i>	AJ	Dr. Shigeru Kurosawa, et al., Fluorine in Coatings II, Paper 33, pgs. 1-8, "Plasma Polymerisation of Fluorine Contained Polycyclic Compounds: Its Application in Chemical Sensors"
<i>AK</i>	AK	Werner Moritz, et al., The 11th European Conference on Solid State Transducers, Warsaw, Poland, pgs. 111-114, September 21-24, 1997, "Gas Sensors for Fluorine Using Different Semiconductor Substrates"
<i>AL</i>	AL	Semiconductor International, "Residual Gas Analysis", Oct. 1997, pgs. 94-100.
<i>AM</i>	AM	W. Moritz, et al., "Silicon-Based Sensor for Flourine Gas", American Chemical Society, pags. 119-129.

Continue on Page

EXAMINER	DATE CONSIDERED
<i>Taegue Jang</i>	09/30/07

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Sheet 1 of 1

<p>Substitute for form 1449A/PTO</p> <p><b>EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>		<p><b>Complete If Known</b></p>	
Sheet	1	of	1
		Application Number	10/784,750
		Filing Date	2/23/2004
		First Named Inventor	Dimeo Jr. et al.
		Art Unit	2856
		Examiner Name	SAIN - SURIN, J
		Attorney Docket Number	2771-546-CIP2

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			

Examiner  
Signature

Tasneem Sufi

Date  
Considered

09/29/07

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**SEVENTH SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

**Complete If Known**

Application Number	10/784,750
Filing Date	2/23/2004
First Named Inventor	Dimeo Jr. et al.
Art Unit	2856
Examiner Name	Jacques M. Saint Surin

Attorney Docket Number 2771-545-CIP2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (If known)			
CK	US-2001/009852 - A1		07-28-2001	Amo, Jose I.	
CL	US- 4,087,693 - A1		05-02-1978	Brown, William L., et al.	
CM	US- 5,387,482 - A		02-07-1996	Debo, Mark K.	
CN	US- 8,586,238 - B2		07-22-2003	Dimeo, Jr., Frank, et al.	
CO	US- 7,080,545 - B2		07-25-2008	Dimeo, Jr., Frank, et al.	
CP	US- 8,484,668 - A		11-07-1995	Gaitan, Michael, et al.	
CQ	US- 5,900,128 - A		05-04-1999	Gumbrecht, Walter, et al.	
CR	US- 5,376,265 - A		12-27-1994	Gumbrecht, Walter, et al.	
CS	US- 6,895,805 - B2		05-24-2005	Hoagland, William	
CT	US- 5,104,513 - A		04-14-1992	Lee, Tony C., et al.	
CU	US- 4,480,779 - A		11-06-1984	Luc, Penelope J.	
CV	US- 6,827,947 - A		10-27-1998	Mitter, Cynthia A., et al.	
CW	US- 6,634,213 - B1		10-21-2003	O'Connor, James M., et al.	
CX	US- 3,784,289 - A		10-09-1973	Oldham, Keith B., et al.	
CY	US- 2002/0029813 - A1		03-14-2002	Stetter, Joseph, et al.	
CZ	US- 6,883,371 - B2		04-26-2005	Sugaya, Satoshi, et al.	
DA	US- 5,072,262 - A		12-10-1991	Uekita, Masakazu, et al.	
DB	US- 8,894,800 - B2		02-24-2004	Weckstrom, Kurt, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>3</sup> (If known)				
DC	SU - 1379832A - A1		03-07-1988	Falko, M.M., et al.		
DD	JP - 01-094265 - A1		04-12-1989	Mukai Sadayoshi, et al.		

Examiner Signature

*Jacques M. Saint Surin*

Date Considered

09/30/07

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(Use as many sheets as necessary)

Sheet 1 of 1

Complete If Known	
Application Number	10/784,750
Filing Date	2/23/2004
First Named Inventor	Dimeo Jr. et al.
Art Unit	2856
Examiner Name	Jacques M. Saint Surin
Attorney Docket Number	2771-546-CIP2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>3</sup> (if known)			
CK	US-2001/0009652 - A1		07-28-2001	Arro, Jose I.	
CL	US-4,087,863 - A1		05-02-1978	Brown, William L., et al.	
CM	US-5,387,482 - A		02-07-1995	Debe, Mark K.	
CN	US-6,590,236 - B2		07-22-2003	Dimeo, Jr., Frank, et al.	
CO	US-7,080,845 - B2		07-25-2006	Dimeo, Jr., Frank, et al.	
CP	US-5,464,060 - A		11-07-1995	Gaitan, Michael, et al.	
CQ	US-5,900,128 - A		05-04-1999	Gumbrecht, Walter, et al.	
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CT	US-5,104,813 - A		04-14-1992	Lee, Tony C., et al.	
CU	US-4,480,778 - A		11-06-1984	Luc, Penelope J.	
CV	US-5,827,947 - A		10-27-1998	Miller, Cynthia A., et al.	
CW	US-6,634,213 - B1		10-21-2003	O'Connor, James M., et al.	
CX	US-3,784,289 - A		10-09-1973	Oldham, Keith B., et al.	
CY	US-2002/0026813 - A1		03-14-2002	Stettler, Joseph, et al.	
CZ	US-6,883,971 - B2		04-26-2005	Sugaya, Satoshi, et al.	
DA	US-5,072,282 - A		12-10-1991	Uekita, Masakazu, et al.	
DB	US-6,894,800 - B2		02-24-2004	Weckstrom, Kurt, et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
DC	SU - 1378832A - A1		03-07-1988	Falko, M.M., et al.		
DD	JP - 01-094265 - A1		04-12-1989	Mukai Sadao, et al.		

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Sheet	1	of	1	Application Number	10/784,750
				Filing Date	2/23/2004
				First Named Inventor	Dimeo Jr. et al.
				Art Unit	2858
				Examiner Name	Jacques M. Saint Surin
				Attorney Docket Number	2771-546-CIP2

## U.S. PATENT DOCUMENTS

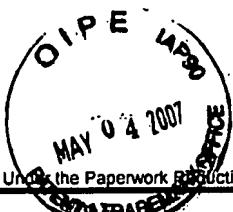
## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
SW	CI	JP - 2003-043001 - A	02-13-2003	Imaeda, Koichi, et al.		
SW	CJ	JP - 2003-043001 (English Translation) - A	02-13-2003	Imaeda, Koichi, et al.		X

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Sheet

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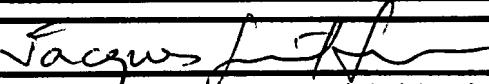
Application Number	10/784,750
Filing Date	2/23/2004
First Named Inventor	Dimeo Jr. et al.
Art Unit	2192
Examiner Name	Ben C. Wang
Attorney Docket Number	2771-546-CIP2

## U.S. PATENT DOCUMENTS

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		Number - Kind Code <sup>2</sup> (if known)			
	BO	US- 6,443,179 - B1	09-03-2002	Bepavides, Gilbert L., et al.	
	BP	US- 5,434,551 - A	07-18-1995	Chen, I-Cheng, et al.	
	BQ	US- 5,693,545 - A	12-02-1997	Chung, Young Sir, et al.	
	BR	US- 6,179,413 - B1	01-30-2001	Coulman, Donald J., et al.	
	BS	US- 5,802,051 - A	02-11-1997	Cronin, John E., et al.	
	BT	US- 6,274,198 - B1	08-14-2001	Dautartas, Mindaugas Fernand	
	BU	US- 6,383,401 - B1	05-07-2002	Labzenti, Daniel P., et al.	
	BV	US- 5,907,785 - A	05-25-1999	Lescouzeres, Lionel, et al.	
	BW	US- 6,093,308 - A	07-25-2000	Lewis, Nathan S., et al.	
	BX	US- 5,098,884 - A	03-24-1992	Mahulikar, Deepak	
	BY	US- 6,171,378 - B1	01-09-2001	Manginelli, Ronald P., et al.	
	BZ	US- 6,100,587 - A	08-08-2000	Merchant, Sailesh Mansinh, et al.	
	CA	US- 3,999,947 - A	12-28-1976	Mihara, Toshihiro, et al.	
	CB	US- 6,284,666 - B1	09-04-2001	Naeem, Munir D., et al.	
	CC	US- 6,618,174 - B2	09-09-2003	Parker, William P., et al.	
	CD	US- 4,872,759 - A	10-10-1989	Stich-Baumeister, Eva-M., et al.	
	CE	US- 6,236,046 - B1	05-22-2001	Watabe, Yoshifumi, et al.	
		US-			

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		Country Code <sup>4</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	09/30/07
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<b>FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/784,750
		Filing Date	2/23/2004
		First Named Inventor	Dimeo Jr. et al.
		Art Unit	2192
		Examiner Name	Ben C. Wang
(Use as many sheets as necessary)			
Sheet	2	of	2
		Attorney Docket Number	2771-546-CIP2

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JZ	CF	VAN ZANT, PETER, Chapter 8: The ten-step patterning process – Surface preparation to exposure, Microchip Fabrication: A Practical Guide to Semiconductor Processing, 5th Ed., 2004, Page(s) 197-203, Publisher: McGraw-Hill, Published in: New York, NY	

Examiner Signature	Jacques J. L. S. Fournier	Date Considered	09/30/07
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Substitute for form 1448A/PTO				Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/784,750
				Filing Date	2/23/2004
				First Named Inventor	Dimeo Jr. et al.
				Art Unit	2122
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	09/30/07
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<p>Substitute for form 1448A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>				<p><b>Complete If Known</b></p> <table border="1"> <tr> <td>Application Number</td> <td>10/784,750</td> </tr> <tr> <td>Filing Date</td> <td>2/23/2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Dimeo Jr. et al.</td> </tr> <tr> <td>Art Unit</td> <td>2122</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>2771-548-CIP2</td> </tr> </table>		Application Number	10/784,750	Filing Date	2/23/2004	First Named Inventor	Dimeo Jr. et al.	Art Unit	2122	Examiner Name	Unassigned	Attorney Docket Number	2771-548-CIP2
Application Number	10/784,750																
Filing Date	2/23/2004																
First Named Inventor	Dimeo Jr. et al.																
Art Unit	2122																
Examiner Name	Unassigned																
Attorney Docket Number	2771-548-CIP2																
Sheet	1	of	1														

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Sheet 1 of 1

## COMPLETE IF KNOWN

Application Number	10/784,750
Filing Date	February 23, 2005
First Named Inventor	DIMEO JR., et al.
Art Unit	2122
Examiner Name	Unassigned
Attorney Docket Number	2771-546-CIP 2

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
✓JY	AV	US-3,676,293		07-1972	
	AW	US-6,463,789		10-15-2002	MOOS, et al.
	AX	US-6,637,253		10-28-2003	DEAN, et al.
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	BI	US-6,321,587		11-27-2001	LAUSH, C.
		US-			
		US-			

Examiner signature

*Jacques J. L.*

Date Considered

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BY APPLICANT

Sheet 1 of 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  Sheet 1 of 1	Application Number	10/784,750
	Filing Date	February 23, 2004
	First Named Inventor	DIMEO JR., et al.
	Art Unit	Unassigned 2816
	Examiner Name	Unassigned SAINT-SURIN
Attorney Docket Number	2771-546-CIP2	

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
SM	AN	US-6,553,354		05-13-2003	HAUSNER, et al.
	AO	US-5,752,410		05-19-1998	BERNSTEIN, et al.
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	AQ	US-5,827,952		10-27-1998	MANSURE, et al.
	AR	US-5,841,017		11-24-1998	BARAKET, et al.
	AS	US-6,468,642		10-22-2002	BRAY, et al.
	AT	US-4,662,212		05-05-1987	NOGUCHI, et al.
SM	AU	US-6,553,335		04-22-2003	HUANG, et al.
	US-				

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